

a  $\text{NH}_4^+$  content of no more than about 10 ppm and a  $\text{SO}_4^{2-}$  content of no more than about 5 ppm.

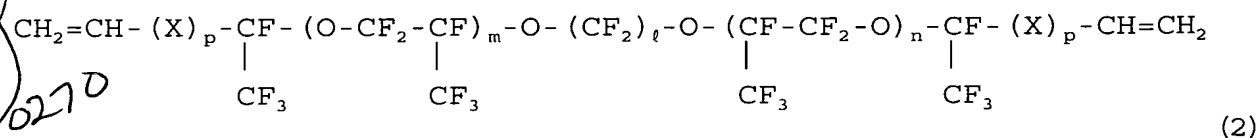
~~26.~~<sup>2</sup> The conductive fluoro-resin composition of claim ~~25.~~<sup>1</sup>, wherein the reactive fluorinated polyether compound (A) comprises fluorinated polyether units of the following structural formula (1):



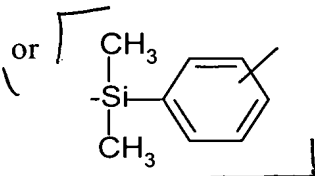
wherein Rf is a straight or branched chain perfluoroalkylene radical having 1 to 6 carbon atoms, and q is an integer of 1 to 500.

~~27.~~<sup>3</sup> The conductive fluoro-resin composition of claim ~~25~~<sup>1</sup>, wherein the silver particles (D) contain at least 10% by weight of dendrite or flake shaped silver particles based on the loading of the silver particles.

~~28.~~<sup>4</sup> The conductive fluoro-resin composition of claim ~~25.~~<sup>1</sup> wherein the reactive fluorinated polyether compound is of the formula (2):



wherein X is independently -CH<sub>2</sub>-, -CH<sub>2</sub>O- or -Y-NR-CO- wherein Y is -CH<sub>2</sub>-



inclusive of o, m and p-positions, R is hydrogen, methyl, phenyl or allyl, letter p is independently equal to 0 or 1,  $\ell$  is an integer of 2 to 6, m and n are independently integers of 0 to 200.

<sup>5</sup>  
~~29.~~ The conductive fluoro-resin composition of claim ~~25~~<sup>1</sup>, wherein the reactive fluorinated polyether compound has a number average molecular weight of about 400 to about 100,000.

<sup>6</sup>  
~~30.~~ The conductive fluoro-resin composition of claim ~~25~~<sup>1</sup>, wherein the compound having at least two hydrogen atoms each directly attached to a silicon atom, (B), is a low molecular weight organohydrogenpolysiloxane or cyclic organohydrogenpolycyclosiloxane having 2 to 10 silicon atoms.

<sup>7</sup>  
~~31.~~ The conductive fluoro-resin composition of claim ~~25~~<sup>1</sup>, wherein the compound having at least two hydrogen atoms each directly attached to a silicon atom, (B), is a perfluoropolyether or perfluoropolyalkylene compound having SiH radicals at the ends of the backbones thereof.

<sup>8</sup>  
~~32.~~ The conductive fluoro-resin composition of claim ~~25~~<sup>1</sup>, wherein the silver particles are reduced silver particles, electrolytic silver particles or atomized silver particles.

*Part 18*  
<sup>9</sup>  
~~33.~~ The conductive fluoro-resin composition of claim ~~25~~<sup>1</sup>, wherein the silver particles have a mean particle size of 0.1 to 10  $\mu\text{m}$ .

<sup>10</sup>  
~~34.~~ A conductive fluoro-resin composition comprising  
(A) 100 parts by weight of a reactive fluorinated polyether compound comprising fluorinated polyether units and having at least two aliphatic unsaturated hydrocarbon radicals in a molecule,

(B) a compound having at least two hydrogen atoms each directly attached to a silicon atom in a sufficient amount to give 0.4 to 10 equivalents of the silicon atom-attached hydrogen atoms relative to the aliphatic unsaturated hydrocarbon radicals in component (A),

(C) a sufficient amount of a platinum group metal catalyst to promote reaction between components (A) and (B), and

(D) 50 to 2,000 parts by weight of silver particles;

wherein the silver particles have been surface treated with an organopolysiloxane or fluorinated polyether compound.

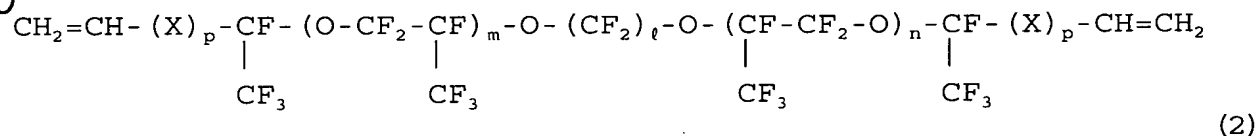
<sup>11</sup>  
~~35.~~ The conductive fluoro-resin composition of claim ~~34~~<sup>10</sup>, wherein said silver particles are surface treated with an organopolysiloxane which is a hydrosilylated organopolysiloxane having at least one hydrogen atom directly attached to a silicon atom.

<sup>12</sup>  
~~36.~~ The conductive fluoro-resin composition of claim ~~34~~<sup>10</sup>, wherein said silver particles are surface treated with an organopolysiloxane which contains up to 500 ppm of non-functional low molecular weight organopolysiloxanes having 3 to 10 silicon atoms.

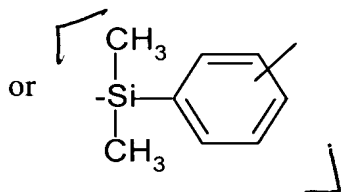
<sup>13</sup>  
~~37.~~ The conductive fluoro-resin composition of claim ~~34~~<sup>10</sup>, wherein the silver particles are surface treated with a fluorinated polyether compound.

*Part 2*  
<sup>14</sup>  
~~38.~~ The conductive fluoro-resin composition of claim ~~34~~<sup>10</sup>, wherein the silver particles are surface treated with 0.001 to 5% by weight of the organopolysiloxane or fluorinated polyether compound.

<sup>15</sup>  
~~39.~~ The conductive fluoro-resin composition of claim ~~34~~<sup>10</sup>, wherein the reactive fluorinated polyether compound is of the formula (2):



wherein X is independently -CH<sub>2</sub>-, -CH<sub>2</sub>O- or -Y-NR-CO- wherein Y is -CH<sub>2</sub>-



inclusive of o, m and p-positions R is hydrogen, methyl, phenyl or allyl, letter p is independently equal to 0 or 1,  $\ell$  is an integer of 2 to 6, m and n are independently integers of 0 to 200.

<sup>16</sup>  
~~40.~~

The conductive fluoro-resin composition of claim <sup>10</sup>~~34~~, wherein the reactive fluorinated polyether compound has a number average molecular weight of about 400 to about 100,000.

<sup>17</sup>  
~~41.~~

2! The conductive fluoro-resin composition of claim <sup>10</sup>~~34~~, wherein the compound having at least two hydrogen atoms each directly attached to a silicon atom, (B), is a low molecular weight organohydrogenpolysiloxane or cyclic organohydrogenpolycyclosiloxane having 2 to 10 silicon atoms.

<sup>18</sup>  
~~42.~~

18 contg The conductive fluoro-resin composition of claim <sup>10</sup>~~34~~, wherein the compound having at least two hydrogen atoms each directly attached to a silicon atom, (B), is a perfluoropolyether or perfluoropolyalkylene compound having SiH radicals at the ends of the backbones thereof.

<sup>19</sup>  
~~43.~~

The conductive fluoro-resin composition of claim <sup>10</sup>~~34~~, wherein the silver particles have a  $\text{NH}_4^+$  content of no more than about 10 ppm and a  $\text{SO}_2^{2-}$  content of no more than about 5 ppm.

<sup>20</sup>  
~~44.~~

The conductive fluoro-resin composition of claim <sup>10</sup>~~34~~, wherein the silver particles are reduced silver particles, electrolytic silver particles or atomized silver particles.

<sup>21</sup>  
~~45.~~

The conductive fluoro-resin composition of claim <sup>10</sup>~~34~~, wherein the silver particles have a mean particle size of 0.1 to 10  $\mu\text{m}$ . --